

# Education bill: \$1.2 billion in aid

By Bill Judnick

A bill appropriating \$1.185 billion in grants and loans for the construction of college facilities was passed last week by the Senate and sent to the White House.

The measure would set up the first major Federal program of aid to education since 1958, and would, in the words of President Johnson, "do more for education than any bill since the land-grant college bill that was passed 100 years ago."

The bill calls for a 3-year program to allocate grants of \$835 million and loans of \$360 million—with \$145 million ear-marked for graduate schools and centers. The rest of the funds are available for the construction of libraries and facilities devoted to instruction or research in the sciences, mathematics, engineering, and modern foreign languages.

All colleges and universities of the United States are eligible. Preference will be given to those schools which are planning to expand their enrollment and new institutions.

## Matching Funds

The Federal share of expenses for those projects approved by Congress in legislation will, in general, be one-third, with the rest financed by the institutions themselves. For public technical institutes, however, the government would assume 40% of the burden.

The bill, sponsored by Oregon Senators Wayne Morse and Edith Green, was lobbied for intensively by the American Council on Education—of which MIT is a member.

### Administrative reaction

Commenting that the measure could encourage the Institute to raise more funds, MIT Vice-President-Treasurer Joseph J. Snyder said, "We need to study the legislation in detail."

It is the responsibility of the Treasurer's office, Snyder noted, to carry out that analysis and present both a summary and recommendations concerning the applicability of the bill to the President's Office.

Malcolm G. Kispert, Vice President of Academic Administration, agreed that the legislation needed to be studied in detail and commented, "It is under discussion now." While noting that no valid predictions could be made at press-time concerning possible MIT requests for aid, he noted:

(Please turn to page 4)

## EC man expelled from dormitories

One East Campus junior was expelled from the dormitory system, and a freshman was placed on East Campus Judicial Committee probation after the pair was found "guilty of attacking each other in Talbot Lounge on the evening of December 7."

The junior, already on a previously suspended sentence of expulsion from the dormitory system, will be prohibited from living in dormitories effective February 7, 1964. He had previously been found guilty of tampering with a postage stamp vending machine.

The freshman, on ECJC probation, is excluded from the lounge and placed on Dean's Office Admonition to be removed at the discretion of William Speer, Associate Dean of Student Counseling. Admonition will not exceed his undergraduate tenure.

## 800 attend lecture

## Packard examines top executives

By Richard Millman

"Scientists and engineers do not like to make decisions on little evidence and they have no tolerance for ambiguity. This is why we find few scientists or engineers at the heads of corporations," said Vance Packard, author of 'The Waste Makers,' 'The Status Seekers' and 'The Great Pyramid,' in a lecture on the 'Breed That Succeeds' December 11, 1963 in Kresge Auditorium.

To an audience of about 800 this author of 'The Waste Makers,' 'The Status Seekers' and 'The Great Pyramid,' said that a top executive must be dynamic, intelligent, personable and emotionally stable. Birth, education, religion, nationality and race are criteria for hiring, firing and promoting. "Women, people who do not have a college education, and those who are not white, Anglo-Saxon, and Protestant, have a hard time getting executive jobs. These classes eliminate 97% of the American population from executive jobs."

### Executive must pass exams

In order to be hired, in addition to passing many psychological tests "which are like kindergarten exams," Packard noted that the executive should be "tall, thin and good-looking" with an ability to handle money and to bounce back if necessary. He should also have a deep concern for the future of the company.

To be a top executive one must have a "high level of thrust," said Packard; that is, he must travel toward a "sustained goal." He must be able to "inspire loyalty, size up people and criticize people without any sting." He must have concentration, intelligence, and perceptivity.

### Order from chaos

In short, he must be able to make "order out of chaos and make decisions on little data." He must also face provocation and frustration well and should not be bothered by tension. The executive must like to run large projects. He must generate confidence among his workers.

Addressing the audience, Mr. Packard said "You are the executives of tomorrow. Maybe you will be a thoughtful breed, respecting individuality, judging on how people produce, not on how they part their hair."

## Summer employment letter sent to firms by SCEP

A letter concerning summer employment for MIT students will be sent this week to about 1000 companies throughout the United States. The letter, jointly sponsored by the Student Committee on Educational Policy and the Placement Office, asked these companies "to review their work opportunities for all students including freshmen and sophomores as well as upperclassmen."

According to Perry Seal '65, chairman of the SCEP subcommittee handling the project, the ability of MIT's underclassmen

## Collins introduces bill

## State considers dorm tax

By Henry Lichstein

Legislation to tax college dormitories and any new real estate acquired by an educational institution, has been introduced into the state legislature by Mayor of Boston, John Collins. MIT officials would not comment on the effect of such legislation, but Harvard has said that such a tax would force them to double their dormitory room rents.

According to an official of the Boston Law Department, the proposed legislation provides for the following:

1) That living accommodations provided for the employees, faculty, or students of an educational institutional "shall not be exempt" from property taxation.

2) "Real estate acquired by, or for, a charitable institution (including educational institutions) after June 30, 1964 shall not be exempt" from taxation, unless "the local governing body provides" for such exemption.

Terming the legislation "disquieting," Mr. Phillip Stoddard, vice president of Operation and Personnel said he had not seen the exact text of the bill. Both Mr. Stoddard and Joseph Snyder, Treasurer of MIT, stated they had heard about the bills and were going to evaluate them.

According to Snyder, "We have to study it in detail. As can be imagined, it is a complicated piece of legislation." Whitlock, Harvard's Assistant to the President, said "It would be terribly punishing for us if (the laws) went through. It is Mayor Collin's assumption that colleges make money off the dormitories. Some of the smaller schools do, but we do not. If they taxed our dorms, it would cost \$300,000 per house, which would double house bills."

Whitlock stated that the bill giving local cities the right to pass on the exemption of new lands was unconstitutional because exemption is a right to be granted by the State.

The Boston Law Department official noted, however, that the legislation followed at least one precedent. He stated that since 1911, there has been a legal provision allowing for the taxation of insane asylums (charitable institutions) except in the case where the local governing body has provided for their exemption.

It isn't a question of limiting the acquisition of land, said the official, but rather of allowing the city to delineate where the land will be located. In this manner, high valuation property will not be taken off the tax rolls. Instead, a college would be forced to build in low-cost areas.

When asked if the City of Cambridge would change its taxation plans if the measures were passed, a Cambridge City official stated, "No, not that I can see."

Before his election, Mayor Collins had promised to introduce this legislation. The proposal concerning taxation of dormitories has been defeated in the state legislature on two previous occasions. The bill for taxing new acquisitions by educational institutions is new this year.

The measures will be presented to the appropriate legislative committees and will be reported out to the state legislature by about the middle of February.

When asked if Mayor Collins plans to use his influence to have the measures passed, an official of the Mayor's office said, "He has given any bill he proposes great thought" and "he will try to see that it passes."

## Dining facilities to remain open over vacation

Morss Hall and Pritchett Lounge will be the two MIT dining facilities in operation over Christmas vacation.

According to Mr. R. J. Radacchia, Director of MIT dining facilities, the success of this new program of operating dining facilities over Christmas vacation will be evaluated afterwards to see if it is feasible to provide these services over future vacations.

The schedule, said Radacchia, has been designed to provide dining services for each meal, every day, with the exception of December 25 and January 1, when all facilities will be closed.

Every weekday, except Tuesday, December 24, Morss Hall will be operating from 8 am to 2 pm. That Tuesday, Pritchett Lounge will be open from 9 am to 7 pm. All other weekdays Pritchett Lounge will be open from 10 am to 7 pm; Sundays, December 22 and 29, Pritchett will be open from 9 am to 7 pm. Sunday, January 5, the day before schools reopen, it will operate from 9 am to midnight.

Graduate House will be open this Saturday from 7 am to 7 pm.

## Automobiles and alternatives

During the past few years, MIT has repeatedly committed itself to being a "pedestrian campus." Automobiles are not welcome, and students are discouraged from bringing cars to the Institute.

MIT has tried to make the alternatives to autos as attractive as possible. On campus, there are enclosed passageways to encourage walking, cross-campus bike routes, and a direct Institute extension to each of two cab companies.

However, cabs are expensive and the Boston winter makes bike riding an ordeal, so neither alternative is adequate for the off-campus travel needs of the MIT community. Thus the Institute's success in keeping the on-campus automobile population down depends on the

quality of local mass transportation services.

Members of the MIT community in Cambridge — students, employees, and staff — travel throughout the Boston metropolitan area. Transit services therefore must be good not only in the neighborhood about MIT, but also in the entire Boston area. MIT cannot "go it alone" in providing better regional transit service.

Therein lies the rub. While MIT depends on the transportation the metropolis provides, the service is mediocre at best.

Thus as an involved but powerless observer the MIT community is interested in the tentative conclusions of the Mass Transportation Commission, formed in 1959 to study Boston-area transportation.

Evaluating a series of so-called experiments, the MTC reached two major conclusions that ought to affect policy makers:

1. Good service is more important than low fares in attracting more passengers to a transit service. Vastly improved service from Boston to Riverside when that line was converted from railroad to rapid transit operation brought a 2000% increase in passenger traffic.

There is no evidence that any fare reduction — even completely eliminating fares — brings such a big increase in travel.

2. Low off-peak fares affect departure time. The MTC experiments showed that while low fares between the rush hours and in the evening encouraged more passengers to use trains leaving at these times, many of these passengers were people who were formerly rush-hour passengers.

The low fares were effective in spreading the load throughout the day and in reducing congestion. This same technique could also be applied to reducing highway congestion — either by reducing bridge and tunnel tolls in the off-peak hours or putting in new and higher tolls in the rush hours.

There is another implication in the MTC data that we think could be helpful in designing transit service. If good service is important but low fares are not, perhaps a better service at a higher fare will not only win more passengers, but pay for itself too.

\* \* \*

If the present poor state of transit and train service in the Boston area does not improve, MIT will continue to find transportation unpleasant and expensive. Autos, followed by costly parking structures, will increasingly invade the campus, and the streets will grow more congested. In transportation, the outlook here is not cheerful.

East and South played low, and West won with the King.

West led his Spade Queen. Declarer won with dummy's Ace, East unblocked by playing the King, and South followed with the Five. Then declarer led the Eight of Hearts, East played low and South won with the Ten.

Declarer took two more rounds of trump, dropping East's Jack and then played the King of Clubs. When West showed out on the first round, East was marked to have started with four clubs to the Jack, so declarer got to the board with the Ace on the second round of clubs and won two more club tricks by finessing. Dummy's fifth club was useless since there were no entries.

Declarer took his Ace of Diamonds and gave up a spade trick, making five-hearts.

pionship, and it was successful.

Five-clubs, four-hearts, and three-no trump are all good contracts for this hand. If a spade is not led, all three contracts can be easily made. A spade lead would present problems for any contract.

As played in the tournament, this South won the opening lead with the Queen of Diamonds and led the Seven of Diamonds, trumping with the Four of Hearts in dummy.

The Nine of Hearts was led,

## Inside Inscomm

### "Electric" school spirit noted at MIT-Trinity basketball game

By Jerry Luebbers, UAP

There's a continuing transformation underway at MIT. Every one of the tightly packed spectators at the December 7 basketball game against Trinity experienced it—and the substantial numbers who found themselves standing around the fringes of the court must have felt it even more acutely, as they paid the price for not coming early.

A band? . . . Cheerleaders? . . . Cheering? . . . At MIT? . . . Ridiculous! But all were there. The band hit a couple of off-notes, the cheerleaders were still new at the game, and the spectator response was confused, but

no matter. There was something electric about the game.

Something even more welcome was the full crowd at the Wednesday night game with Brandeis. There's a Tuesday night game with Harvard (that's tonight, at Harvard) about which I've heard more anticipatory talking than ever before about a coming game. There are even agitators pressing for a pre-game bonfire and pep rally!

But this is only one channel for an emerging energy. Let us not neglect the many others.

Have a good vacation, and we will see you next year.

## Letters to The Tech

### Activities awards

To the Editor:

In your last issue, you managed to completely misrepresent the facts concerning the Activities Development Board Awards. Among the major errors in your article:

- 1) The Activities Development Board is not a sub-committee of Activities Council, 2) Prof. Woodson is not Chairman of the Activities Council, 3) Bob Popadic is not Chairman of the ADB, and 4) the Committee members listed are not members of the ADB but rather of Activities Council. About the only accurate fact in the article was the purpose of the ADB Awards.

I would like to present the actual facts regarding the ADB Awards: the ADB — which is a student-faculty committee — of which Prof. Herbert Woodson is chairman, recognizing last spring that substantial accomplishments in the activity's area often go unacknowledged, decided to establish the ADB Awards. These awards would be in the form of a gold key or plaque given to Association of Student Activity member groups and/or their individual members for outstanding contributions to extracurricular life at MIT. They would recognize contributions: 1) at the membership level of an activity, 2) at the management and/or leadership level of an activity, 3) by an entire activity.

It was felt that a student point of view would be very helpful in setting the standards for selection. Therefore, Bob Popadic '64, Chairman of Activities Council and a member of the ADB, presented the Activities Councils offer to set up a student committee to prepare the nominating forms for the ADB Awards, as well as to collect and investigate all nominations submitted. The ADB accepted the offer.

The actual selection of recipients of the Awards will be made by a faculty-administration committee appointed by the ADB. Formal presentation of the Awards will take place in the spring.

All members of the MIT community are encouraged to make nominations. Forms for this purpose will be mailed to all activities at the beginning of second semester and will also be available at various places throughout the Institute. We are hoping that these Awards will have the enthusiastic support of the MIT community.

Very truly yours,  
Robert P. Popadic  
Chairman, Activities Council

### Tutors needed

To the Editor:

Mr. Luebbers' comments in last week's issue of The Tech were most welcome. There is a crying need for MIT students to recognize and accept their social responsibility.

Techmen seem to fall roughly into two broad categories. There are the technical types who feel that professional competence is, in general, synonymous with the highest level of human excellence.

There are the reformers and idealists—and very few of these—who are ready to propose the most grandiose schemes for remodeling the world, yet are unwilling to soil their hands in cleaning up their own back yard.

It is time that we all realized that the technical "world" is an integral part of society, that the ripples of discontent in Birmingham and Dallas and Roxbury will sooner or later be found in Cambridge.

There is real work to be done. A good look at that city across the river will disclose that the "New Boston" is merely the exposed fraction of an old and familiar iceberg.

Boston south of Copley Square and west of Massachusetts Avenue is, for the most part, one great, indescribable slum. Boston is a city with quaint, Revolutionary schools, Louise Day Hicks, and "no de facto segregation."

This rambling introduction brings me to my point. I would like to bring the following project to the attention of those members of the community who are willing to sacrifice some time and make a little effort:

There is presently in progress a tutoring program for high school students at South End House in Boston. Most of the tutors are girls from BU, Simmons, Emmanuel, etc. Most of the students are highly motivated, frustrated Negroes. There is a great need for college men who are competent to teach high school math and science.

The job of the tutor is to both assist the student and to broaden his horizons. Anyone interested might contact Miss Gladys Gusson and South End House, 48 Rutland Street, Boston.

This is not glamorous work. But it is necessary and, in many ways, most rewarding.

Norman I. Feinstein '66

## Kibitzer

By Alan Rinsky

### NORTH

♦ A 8 6 4

♥ 9 8 4

♦ 2

♣ A 5 4 3 2

### WEST

♠ Q J 10 9 3

♦ K 2

♥ K 10 9 6 5 4

♦ J 8 3

♣ void

### EAST

♣ K 7 5

♦ A Q 10 6

♦ A Q 7

♣ K Q 10 8

Duplicate: North-South vulnerable.

The bidding:

North East South West

Pass Pass 1♣ 2♦

2 N.T. Pass- 3♦ Pass

4♦ All Pass

West led the Six of Diamonds.

Duplicate players often squeeze a major suit game contract out of a hand that has an easy play for five of a minor suit. Such was done in this hand played in the MIT Men's Pair Club Cham-

pionship, and it was successful.

Five-clubs, four-hearts, and three-no trump are all good contracts for this hand. If a spade is not led, all three contracts can be easily made. A spade lead would present problems for any contract.

As played in the tournament, this South won the opening lead with the Queen of Diamonds and led the Seven of Diamonds, trumping with the Four of Hearts in dummy.

The Nine of Hearts was led,

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nouncement Service. Even though he's been with Southern New England Telephone less than a year, Stanton Peel has already established an enviable reputation for his thoroughness and keen analytical ability.

Stanton Peel, like many young engineers, is impatient to make things happen for his company and himself. There are few places where such restlessness is more welcomed or rewarded than in the fast-growing telephone business.



### BELL TELEPHONE COMPANIES

#### TELEPHONE MAN-OF-THE-MONTH



## Urban Studies Center designs city

By Lydia Castle

For over two years, a vast development effort has been underway in the Guayana region of Venezuela, an effort unique in the resources at its disposal, in the partnership which has guided it, and in the prospects for its success.

Early in 1961, the Corporacion Venezolana de Guayana (CVG), an independent corporation of the Venezuelan government, offered the Joint Center for Urban Studies of MIT and Harvard an extraordinary opportunity to participate in the planned development of one of the world's great resource areas, and in the creation of a major new city in what has been one of the least settled portions of Venezuela.

Crossroads Africa is a work camp project that sent 310 students to Africa last summer. Half of the 310 were girls.

There were 70 Negroes, 37 Canadians, and representatives of every major religion.

It is the Center's hope to provide training experience in the field of graduate students in the near future; two have already been able to participate actively as members of the resident staff.

#### Challenging venture

The appeal of the enterprise to the Joint Center lies in its challenge of handling all of the problems of linking national, regional and micro-planning—the type of problems in which advances in thought most often arise from the stimulus of field experience.

Partnership with the CVG provides the Center with the opportunity for carrying on advisory work within the research oriented university group. In turn, the breadth of skills and interests that the Joint Center brings to the project will undoubtedly yield insights and reports of permanent value concerning the process of urbanization and industrial growth in a developing economy.

A primary responsibility of the CVG-Joint Center undertaking is to provide both a long-range strategy and short run tactics for the economic growth of the region and the promotion of a diversified heavy industrial complex at the new city, Santo Tome de Guayana.

#### Pioneer project

Since comprehensive regional planning based on heavy industry has not been attempted before this, the Guayana project will have great significance for the entire continent.

That urbanization and industrialization go hand in hand and must be integrated within a larger regional framework is the major premise on which all the planning of the project is based.

Therefore, early in the growth of the Guayana region industrial complex, the CVG-Joint Center established a special priority for the development of an urban design for the new city.

The city was not merely to provide homes and urban facilities, but would be called upon to reflect the dynamic role that San Tome is slated to play in the industrial development of the region of Venezuela, of Latin America. At the same time, it was necessary to design a city which would most efficiently and effectively serve the needs of industry, its workers, managers, businessmen and professional people; one that would grow with the industry, provide the educational facilities, technical training, health improvements, recreational and cultural backing, as well as satisfactorily distribute the goods and services of an expanding industrial complex.

Every attempt is being made to avoid the excessive rigidity of a merely monumental and static concept, while at the same time to establish a genuine sense of urbanity and visual expression of the vigor and promise of the new region.

#### Housing Problem

The most pressing need is for housing units. San Tome has been growing in population more rapidly in the last decade than any city in Venezuela. The 10,000 housing units now in existence are largely substandard, totally inadequate to meet the needs of the 50,000 people in the region in August, 1962; and the public and private housing programs currently underway are not sufficient to fill the gap.

In May of 1963, the Joint Center, working closely with the CVG, began a major experimental program in self-help housing.

Simultaneously, the two groups made an intensive effort to attract residential investment from private sources.

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## Bennett Cerf coming to Kresge

Bennett Cerf will speak January 9 at Kresge Auditorium. Walter Slezak's talk on 'Show Business Is No Business,' formerly scheduled for that day, will be here April 23.

Cerf, the president of Random House, one of the largest publishing houses in the business, graduated from Columbia University in 1920. He started Random House in 1925.

He also writes a daily syndicated column, 'Try and Stop Me,' and is a regular panelist on 'What's My Line?'

Tickets are free and will be available in Building 10 the Wednesday before the lecture.

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Bennett Cerf

## MIT studies loan policy

(Continued from Page 1)

"We are still after money for a chemistry building."

Neither of the officials thought any controversy would arise from the increased government aid to education. Snyder saw "no implication of government interest" possible in the event of an outright grant.

### NDEA loans increased

On the same day that the \$1.2 billion aid to education bill was passed, the Senate reached final agreement on a \$1.5 billion measure providing grants to the states for vocational education and a large increase in National Defense Education Act loan funds. The previous ceiling of \$250 thousand per institution was raised to \$800 million.

Present Institute policy does not authorize NDEA loans to students. The assumption was that "Our own funds would handle our needs and be better financial arrangements for students," explained Jack H. Frailey, Director of Student Aid.

He added that MIT is "now in the process of looking hard at this policy," especially in light of increased demands upon the Technology Loan Fund.

A decision on this matter may be expected by the end of this academic year.

Harvard University requests for NDEA loans this year totaled nearly \$1 million, but were cut to the \$250 thousand maximum allowable grant under present legislation.

According to the Harvard Crimson, a new request for the full \$800 thousand is almost certainly forthcoming from the university.

## 'Take thou th'



Haggis and Bristle beat up from the stocks in Dramashop's 'Bartholomew Fair' last week.

## Making the

S	M	T	W	T	F	S
		17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7				

### THIS WEEK

**BU Faculty Recital** — Dec. 17, 8:30. BU Concert Hall; Bach's Goldberg Variations and Toccata and Fugue in E minor; Beethoven's Sonata in G major, Sonata in C minor; free. **New England Conservatory** — Dec. 17, 8:30, Jordan Hall; Bach's Sonata in B minor and Rossini's duet 'Qui Tollis' from Messa Solenne; Tappay's Symphonie Concertante; Guenard's Sonate pour le clavecin; Mozart's Sonata in C major and Rondo in D major.

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Starting Wednesday  
"The Leopard" 3:45, 8:40  
"The Condemned of Altoona" 1:45, 6:40

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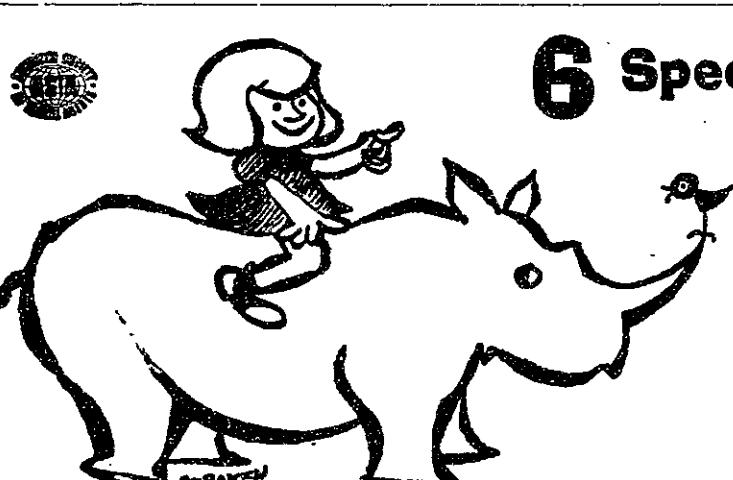
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"I told mom I was going to Europe  
and then found out how to include Africa".

**Critic's Choice****'Mad, Mad World'**  
**bad, bad film**

By Gilberto Perez-Guillermo

Stanley Kramer has always been noted for his self-righteous, heavy-handed, over-blown "message" films, such as 'The Defiant Ones,' 'On the Beach,' and 'Judgment at Nuremberg.' In *It is a Mad, Mad, Mad World* (at the Boston Cinerama) he tries at a new genre, the slapstick comedy, and the result is a self-righteous, heavy-handed, over-blown "message" slapstick comedy.

The mere idea of a three-hour slapstick comedy on Cinerama entitled 'It is a Mad (one), Mad (two), Mad (three), Mad (four) World' (someone had suggested a fifth 'Mad,' but it was voted down as redundant) should make one question Mr. Kramer's sense of proportion. After seeing the picture, there should be no doubts about it. For the entire three hours, a large troupe of name comedians chase a large sum of money. Apparently Mr. Kramer has not realized that there are situations in comedy (or slapstick comedy) other than a chase, and the classic examples of slapstick were carefully timed and imaginatively constructed.

The chase with W. C. Fields in 'Never Give a Sucker an Even Break' was very funny, and Mr. Kramer's are singularly non-funny. Why? First, Mr. Kramer's sense of humor is questionable. For instance, he doesn't realize that there is nothing funny in seeing a mad truck-driver tear down a garage. Then, W. C. Fields was a very funny man, while Mr. Kramer's leading comedians aren't, for the most part (Ethel Merman and Phil Silvers were particularly painful). Finally, the W. C. Fields chase lasts for only a small fraction of the film.

There were two genuinely funny moments: Jerry Lewis driving over Spencer Tracy's hat, and Buster Keaton running around some cars towards the end. Keaton, is, in my opinion, the greatest comedian ever to appear on the screen, and his presence evoked memories which made me realize even more strongly the low quality of the material presented by Mr. Kramer.

Mr. Kramer didn't even have sense to realize that a "serious" message does not belong in a slapstick comedy, and he couldn't refrain from "saying" something about how bad greedy people are, with disastrous consequences.

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**The other side of the world****Foreign assistance aids current Indian development**

By Ron Randall

"One of the surest ways of obtaining legislative support for proposed governmental action in India is to quote the findings of a study made by the Ford Foundation."

Such comments as these made our travel group acutely aware of the importance and efficacy of foreign assistance programs in India. We were even surprised at the great respect shown to the activities of American research foundations.

**Package Plan**

The "Package Plan" of agricultural development, now actively carried on by the Indian government, is but a modified version of an original proposal made by the Ford group. This organization is now responsible for the only city planning effort being made to solve the problems of one of the most congested metropolitan areas of the world—Calcutta.

We should not underestimate the accomplishments of these groups which, together with the United States government, plough about one billion dollars of aid annually into Indian development.

**Education, not aid**

In the long run, however, Indian self-sufficiency must be based upon the efforts of an educated populace, not upon foreign economic aid.

Helping students avail themselves fully of the rapidly expanding educational system in India is the World University Service. Perhaps I can best describe India's respect for the activities of this international organization by quoting from a description of its activities in India written by an Indian student, Shanti, Lal Sarupria, at the University of Rajasthan.

"In India WUS started functioning in 1950 under the chairmanship of Dr. Zakir Hussein,

now vice-president of the Indian Republic. Indian WUS can claim today to be one of the leading university organizations in the country and is possibly the only one which brings together staff, students and administrators.

"The achievements of WUS in India have been considerable. Among the major projects fulfilled by Indian WUS, mention may be made of

1. The construction of a 32-bed TB ward for university students at the TB sanatorium, Tambaran-Madras;

2. The construction of a 30-bed university students' ward at the General Hospital, Madras;

3. The construction of Health Centers in Delhi and Patna;

"Among the other major projects that are being undertaken, mention may be made of:

1. A 4 bed students' ward at the Viskapatnam TB Sanatorium;

2. A 12 bed students' ward at the General Hospital, Hyderabad;

3. WUS Community Centers in Delhi, Ahmedabad and Madras;

4. WUS Cooperative Cafeterias in Utkal, Vishabharati and Nagpal;

5. WUS student hospitals in Jadavpur, Nagpur and Patna;

"Among the various projects being undertaken by the Rajasthan University Committee of the WUS are:

1. A Cooperative Consumers' Society;

2. A student ward in S.M.S. Hospital, Jaipur.

"Apart from these, the committee has offered spectacles, grants, and other financial helps for the needy students. The committee desires to undertake the establishment of a community center and cooperative students' hostel for needy students."

Because WUS lacks the resources of the large foundations and the foreign governments, its projects are necessarily on a smaller scale. By concentrating on work having the character of pilot projects, however, WUS has often catalyzed more extensive work and investment by Indian university and governmental groups.

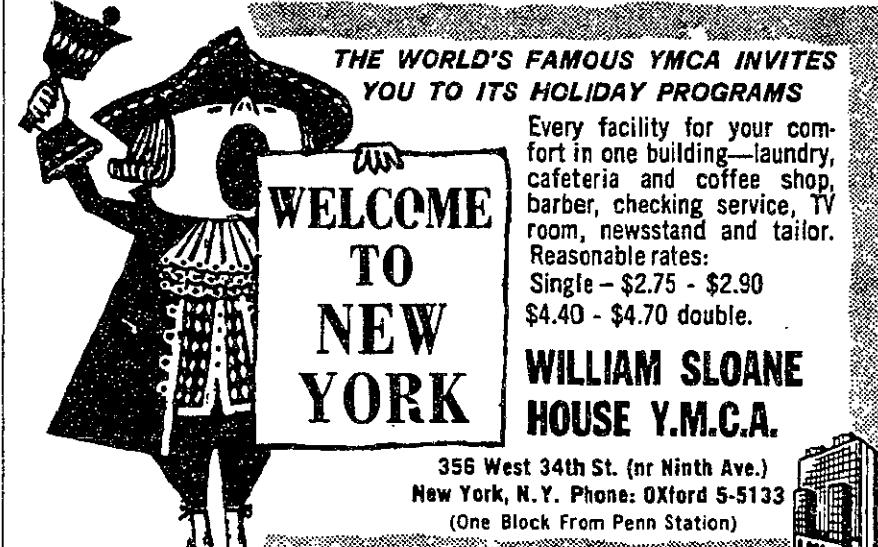
**Special Responsibility**

We at MIT, I believe, have a special responsibility to further this pioneering work, since our own Everett Moore Baker was head of the United States WUS Committee at the time of his death.

Students interested in seeing India through the lens of my slide projector, and learning how we at MIT can assist the work of WUS over there, please contact me at TR 6-4350.



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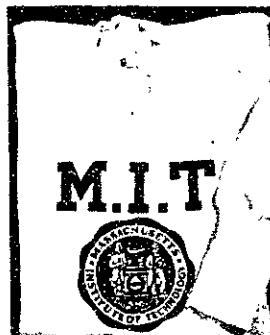
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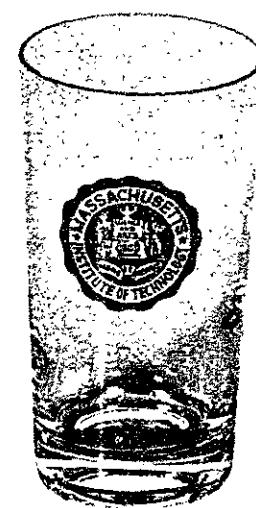
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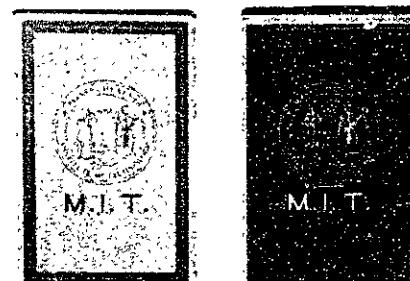
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#### M.I.T. Bookends

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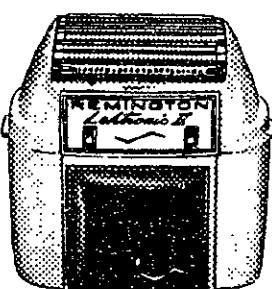
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**Basketball**  
MIT 81 — Brandeis 63  
MIT 80 — Norwich 61  
MIT (F) 71 — Exeter 68  
MIT (F) 86 — Hawthorne 62  
**Fencing**  
MIT 21 — Rochester 6  
**Pistol**  
MIT 1258 — Harvard 1234  
**Rifle**  
MIT 1378 — Bowdoin College 1378

**Squash**  
Amherst 9 — MIT 0  
Williams 9 — MIT 0  
**Swimming**  
MIT 61 — Tufts 31  
MIT 54 — RPI 44  
Tufts 48 — MIT (F) 47  
MIT (F) 59 — RPI 35  
**Track**  
MIT 61 — Boston College 52  
MIT 57 — Bates 56  
**Wrestling**  
MIT 12 — Williams 4  
**Hockey**  
Vermont 4 — MIT 1  
Trinity 4 — MIT 2

**On Deck**

Today, December 17  
Basketball (V) — Harvard, Away,  
8:00 pm  
Basketball (F) — Harvard, Away,  
6:00 pm  
Squash (V) — Harvard, Away,  
7:00 pm  
Wednesday, December 18  
Swimming (F) — Boston Latin,  
Home, 4:00 pm  
Wrestling (V) — Coast Guard,  
Home, 7:00 pm  
Thursday, December 19  
Basketball (V) — Northeastern,  
Away, 8:15 pm  
Basketball (F) — Northeastern,  
Away, 6:30 pm  
Indoor Track (V&F) — Tufts,  
Home, 6:30 pm  
MIT 19 — Bradford-Durfee 8  
Harvard 11 — MIT 6

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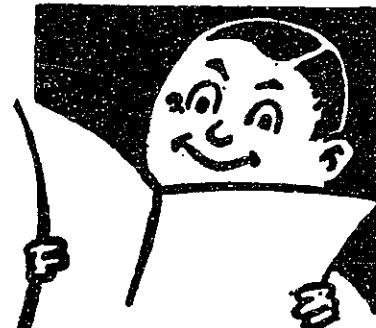
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## Cindermen also triumph

### Mermen win two, keep perfect record

Tech's swimmers retained their undefeated season by defeating Tufts 64-31 last Wednesday, and RPI 51-44 last Saturday. The hockey squad dropped home games last week to Vermont and Trinity.

The cindermen downed Boston College 61-52 and beat Bates 57-56. The grappers lost to Williams 14-12 last Saturday.

#### Swimmers win

In the meet with Tufts, firsts were made by Dick St. Peters '65 in the 200 yd. free, Eric Jensen '64 in the 200 yd. individual medley and 500 yd. freestyle, Steve Shover '65 in diving, Dick Breinlinger '66 in the 100 yd. free, Frank Mechura '65 in the 200 yd. backstroke, and Roger Rasmussen '66 in the 200 yd. breast.

Against RPI St. Peters took firsts in the 200 free and 500 free; Breinlinger, Mechura, and Jenson did likewise in the 50 free, 200 back and 200 individual, respectively.

Bradburn of RPI set a new pool record in the 200 yard breast stroke with a time of 2:26.0.

#### Trackmen win twice

Last week was a profitable one for the indoor track squad, defeating Boston College 61-52 Tuesday night at Rockwell Cage and then squeaking by Bates 57-56. Al Tervalon '65, and Jim Flink '64, finished first and second respectively in these events in both meets, with Tervalon setting a Rockwell Cage record in the high hurdles. Flink also added a second in the dash against Boston College and a victory in the dash at Bates.

Sumner Brown '66, victorious in both the 1000 yard and one mile runs in both meets, set a new

### Freshman hoopsters extend win streak to five straight

By Charles Willman

The highlight of the freshman winter sports season continued to be the basketball team, as it won two more games last week to extend its unbeaten streak to five games.

The hoopsters began the week by defeating Exeter by a score of 71-68. The second game went differently as the Techmen beat Hawthorne 86-62 in a game played in the Cage. The Techmen led by 40 points before the second string was sent in to play a large part of the second half. Alex Wilson led the team in scoring again with 20 points in each game.

#### Wrestling

The wrestling team won its lone meet last week to bring its season's record to 2-1. After an overnight trip to Williams, the frosh matmen conquered their hosts by a score of 17-13. Their next meet will come against Brown after the Christmas vacation.

#### Swimming

Mike Crane set two new records last week as the mermen won one meet and lost another. Tufts edged the Techmen 48-47 last Wednesday at Tufts by a single point, 48-47. Saturday, Crane led the team to a 59-35 victory over RPI in the Alumni Pool. The records were a 23.6 sec. 50 yard freestyle, and 54 flat in the 100 yard freestyle.

Tech's frosh icemen lost their first two games last week, getting whitewashed both times. They first succumbed to Rivers Country Day School Tuesday the 10th, by a score of 5-0. A 6-0 defeat at the hands of Browne and Nichols School followed Friday. Both games were played at home.

#### Track

The track team also lost in two meets last week, by scores of 77-35 against Boston College at Briggs Field, and 55-44 at Bates.

meet record in the one mile run at Bates.

The Boston College meet was never in doubt, but the one at Bates last Saturday went to the final two events with Tech behind 49-50. Larry Schwoeri '66, fought off a stiff challenge to anchor the mile relay team to a win, making the score 54-50 for MIT.

Vermont downed the icemen 4-1 last Saturday. MIT's only tally came with thirty-six seconds left in the game when Tony Pasquale '66 scored on a deflected shot from thirty feet out.

The Techmen lost to Trinity 4-2 last Saturday. The Engineers led for almost half the game. Pasquale scored in the first period and Mike McKay '66 tallied in

the second. However, a first period goal and three more in the second period gave the win to Trinity.

#### Wrestlers lose

The MIT varsity grapplers lost 14-12 to Williams in a hard-fought meet at Williams. The Techmen almost caught up after being down 14-3 with three matches left in a meet which saw only one pin.

MIT's 12 points came on decisions scored by 130-pound Hal Hultgren '66, Captain Mike Williams '64 at 167 pounds, 177 pounder Bob Wells '65, and heavyweight Kim Sloat '64. Near-pins by Wells and Williams almost brought an MIT victory out of the 14-3 deficit.

## Unbeaten cagers to meet Harvard

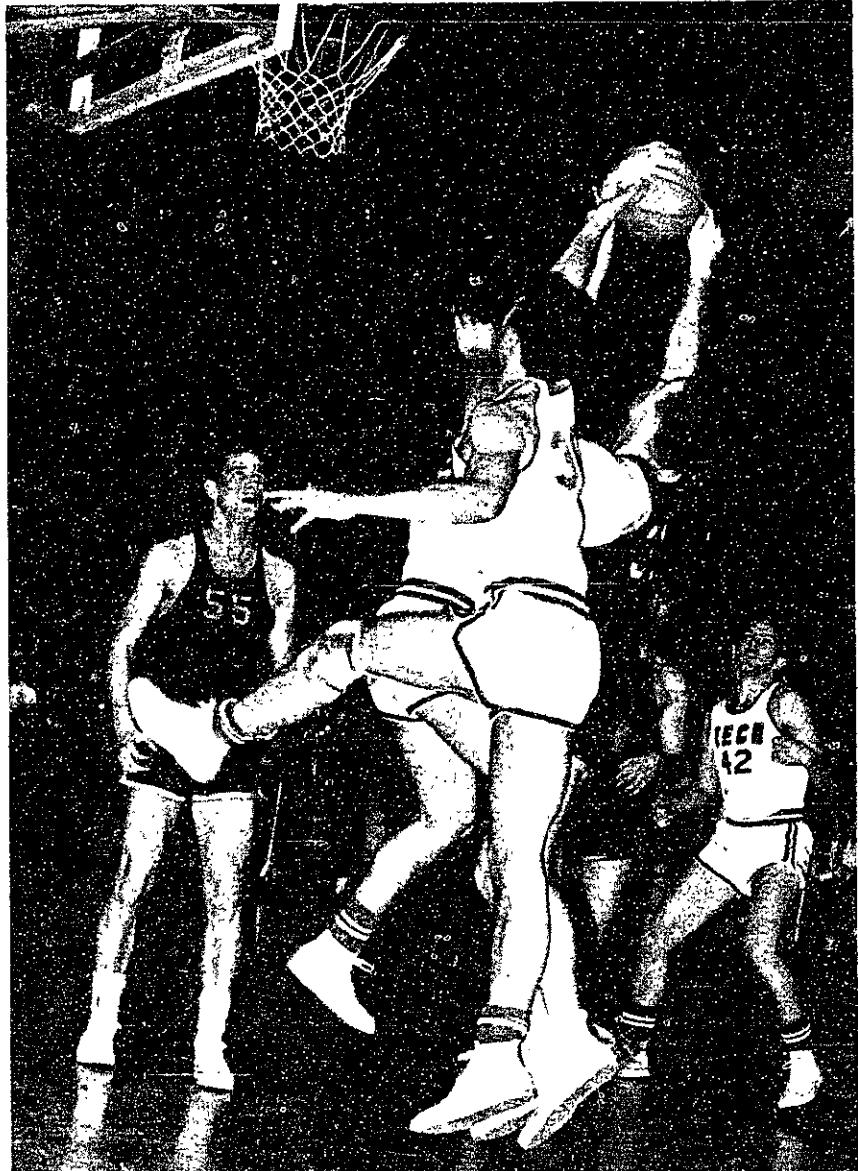


Photo by Stephen Teicher

Don Alusic '64 (30) and George McQuilken '65 battle for rebound with Norwich defender while Perry Seal '65 (42) looks on. MIT won the game by a 80-61 margin.

### Pistol, rifle squads win

## Swordsmen win twice, lose one for 3-1 mark

Tech's fencers brought their record to 3 and 1 with two wins and one loss last week. The riflemen edged Bowdoin last Saturday and the pistolmen defeated Harvard also last Saturday.

#### Fencers take two

Rochester Institute of Technology and Bradford-Durfee both bowed to Tech's fencers last Saturday by scores of 21-6 and 19-8, respectively. The Engineers fell to Harvard 11-6 last Wednesday.

In the Harvard meet, the epee squad won six of its nine bouts. Herb Norton scored Tech's only foil victory and the sabre team won four bouts while losing five.

Against Rochester, the sabre team won all of its nine bouts. The foil squad took seven bouts, three by forfeit. The epee team won five of nine, also three by forfeit.

In the Bradford-Durfee match, the Engineers scored seven wins and two losses in foil, six wins and three losses in epee, and six wins and three losses in sabre.

#### Pistolmen take Harvard

The MIT Varsity Pistol Team beat Harvard last Saturday by a score of 1258 to 1234. The Tech scores were marked by their consistency. There being only a 23 point difference between the high and low counting scores. Harvard, on the other hand, shot more erratically with a 61 point difference.

The Engineers are now one and one on the intercollegiate season. Due to a victory over Hanscom 1050 to 998 last Tuesday the Techmen have a five and one record in the Greater Boston Pistol League.

#### Riflemen win by two

Tech's varsity riflemen, coached by Sgt Ellis F. Learner, edged Bowdoin College 1378-1376 in an away match Saturday morning.

Top five scores of the six shot for MIT were turned in by Joe Boling '64, 284; George Olah '64, 231; Karl Frederick '65, 278; Jim Bridgeman '65, 273; and Zach Abrams '65, 262.

## Burton A finishes season with 7-0 to capture American league honors

In Intramural Basketball, the American League was wrapped up by Burton House "A", as they ended their unblemished season by defeating Phi Gamma Delta, 74-52.

In the National League, Grad House East downed Sigma Alpha Epsilon 56-27, and Grad Economic Association handed Baker House A a 51-32 defeat.

The standings are:

National League	W	L
Grad House East	5	0
Grad Economic Association	4	2
Senior House A	3	2
Sigma Alpha Epsilon	2	3
Baker House A	2	3
Alpha Tau Omega A	1	4
Sigma Phi Epsilon A	0	5
<b>American League</b>		
Burton House A	7	0
Grad Management Society A	4	2

Political Science  
Lambda Chi Alpha  
Theta Chi A  
Phi Gamma Delta  
Grad. House West  
Delta Tau Delta

Pacific Coast League  
Burton Conner 2  
Sigma Chi  
Phi Sigma Kappa  
Theta Chi "B"  
Phi Delta Theta  
East Campus 414

American Association  
Phi Mu Delta  
Theta Delta Chi A  
Zeta Beta Tau  
Beta Theta Pi  
Senior House B

International League  
Baker House B  
Chinese Students Club  
Pi Lambda Phi A  
Delta Upsilon  
Alpha Epsilon Pi A  
Kappa Sigma  
Student House

Western League  
Non-Resident Student Assoc.  
Burton Fine Fifth  
Burton Rebels  
Sigma Phi Epsilon B  
Theta Delta Chi B  
Alpha Epsilon Pi B

Southern League  
Chi Phi  
Bexley Hall  
East Campus Hayden 2  
Baker House C  
East Campus Bemis 4  
Alpha Tau Omega B  
Senior House C

Eastern League  
Phi Kappa Theta  
Grad House C  
East Campus Chokers  
Delta Kappa Epsilon  
Grad. Economic Association  
East Campus Hot Stuffs  
Pi Lambda Phi B

In hockey

Intramural hockey action during the past week saw A league leaders Phi Gamma Delta A and Theta Delta Chi each winning their second over Non-Resident Student Association and Delta Psi by scores of 4-0 and 10-2 respectively, to remain tied for first place honors.

In the B and C leagues, Senior House stopped Sigma Chi 5-1 for a share of first in the B league while play in the C league found AEPI tying Tau Epsilon Pi 2-2 and Chi Phi shutting out Phi Kappa Theta 3-0.

#### A League

Theta Delta Chi  
Phi Gamma Delta A  
Theta Chi  
Delta Psi  
NRSA

#### B League

Graduate House  
Senior House  
Lambda Chi Alpha  
Sigma Chi  
Phi Mu Delta

#### C League

Alpha Epsilon Pi  
Zeta Beta Tau  
Chi Phi  
Tau Epsilon Phi  
Phi Kappa Theta

#### D League

Burton House  
Beacon St. Ath. C.  
Pi Lambda Phi  
Kappa Sigma  
Phi Sigma Kappa

#### E League

Phi Gamma Delta B  
Baker House  
Sigma Alpha Mu  
Alpha Tau Omega  
Delta Upsilon

#### F League

Sigma Phi Epsilon  
East Campus  
Sigma Nu  
Phi Kappa Sigma

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#### MIT

FG	FT	PF	PTS
7	2	3	16
12	2	3	31
13	2	4	8
3	1	1	5
0	1	1	2
0	1	1	2
0	1	1	2
0	1	1	2
28	25	21	81

#### BRANDEIS

FG	FT	PF	PTS
10	5	3	25
3	3	4	9
2	0	3	4
2	2	2	6
1	0	2	2
0	2	3	6
1	4	3	2
21	21	29	63

#### NORWICH

FG	FT	PF	PTS
2	0	4	8
4	2	1	10
0	0	1	0
5	2	4	12
10	2	1	22
0	1	1	2
1	0	1	2
27	7	24	61

#### MIT

FG	FT	PF	PTS
5	10	2	17
5	5	4	10
0	2	2	5
0	4	2	5
1	1	0	0
1	1	0	0
27	26	33	80